Amendments to the claims

Please amend the claims according to the following listing of the claims.

1-17 (Canceled)

18.   (Currently Amended) A module for interrupting at least one electrical circuit of a separate unit of a motor vehicle in an overload condition, comprising:

a housing mountable on said vehicle having input means operatively connectable to said circuit and output means;

a fuse disposed in said housing electrically connected to said input means; and

an analog/digital converter disposed in said housing electrically interconnecting said fuse and said output means.

19.   (Previously Presented)   A module according to claim 18 including a processor disposed in said housing operatively interconnecting said analog/digital converter and said output means.

20.   (Previously Presented)   A module according to claim 19 including means disposed in said housing for sensing temperature in the vicinity of said fuse, operatively connected to said processor for compensation purposes.

21.   (Previously Presented)   A module according to claim 18 wherein said input means is connectable to one of a group consisting of control and function devices.

22.   (Previously Presented)   A module according to claim 18 wherein said output means is connectable to a data bus.

23.   (Previously Presented)   A module according to claim 18 wherein said input means of said housing is insertable in a socket provided on said vehicle.

24.   (Currently Amended) A system comprising:

at least one of a group consisting of electrically operable control and function devices mounted on a motor vehicle;

a separate module providing a housing mounted on said vehicle, having an input

operatively connectable to said one device, and an output;

a fuse disposed in said housing electrically connected to said input means;

an analog/digital converter disposed in said housing electrically interconnecting said analog/digital converter and said output; and

a data bus operatively connecting said output and a remote processor.